

SOT379-1

plastic quad flat package; 52 leads (lead length 1.6 mm);
body 10 x 10 x 2 mm

8 February 2016

Package information

1. Package summary

Terminal position code	Q (quad)
Package type descriptive code	QFP52
Package type industry code	QFP52
Package style descriptive code	QFP (quad flat package)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
IEC package outline code	135E04
JEDEC package outline code	MS-022
Mounting method type	S (surface mount)
Issue date	25-2-2003

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	9.9	-	10	10.1	mm
E	package width	9.9	-	10	10.1	mm
A	seated height	[tbd]	-	2.45	2.45	mm
A ₂	package height	1.95	-	2	2.1	mm
n ₂	actual quantity of termination	-	-	52	-	

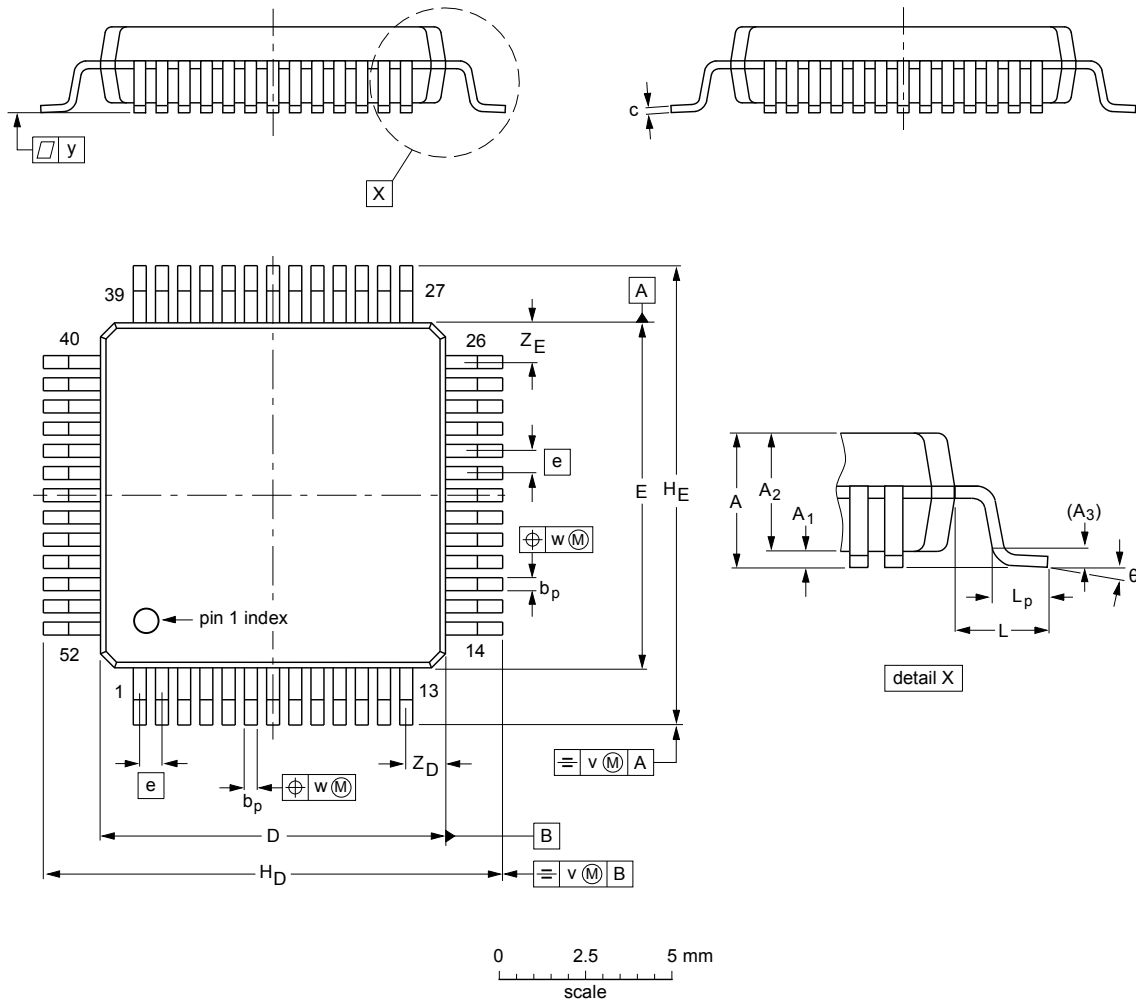


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2. Package outline

QFP52: plastic quad flat package; 52 leads (lead length 1.6 mm); body 10 x 10 x 2 mm

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DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽¹⁾	e	H _D	H _E	L	L _p	v	w	y	Z _D ⁽¹⁾	Z _E ⁽¹⁾	θ
mm	2.45	0.45 0.25	2.10 1.95	0.25	0.38 0.22	0.23 0.13	10.1 9.9	10.1 9.9	0.65	13.45 12.95	13.45 12.95	1.6	0.95 0.65	0.2	0.12	0.1	1.24 0.95	1.24 0.95	7° 0°

Note

1. Plastic or metal protrusions of 0.25 mm maximum per side are not included.

OUTLINE VERSION	REFERENCES			EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA		
SOT379-1	135E04	MS-022			00-01-19 03-02-25

Fig. 1. Package outline QFP52 (SOT379-1)

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3. Legal information

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